

**HFL0822-KF** [↗](#)

Drawn cup roller clutch

Drawn cup roller clutches HFL...-KF, with plain or rolling bearing arrangement, plastic springs

Technical information

Your current product variant

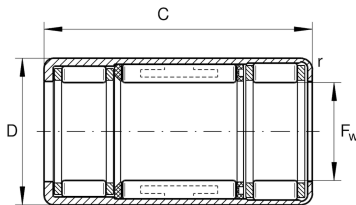
Lubricant	L564	Grease (L564/standart specific - dynamic)
Coating	Without	
Shape of outer surface	Without	Smooth outside surface
Spring design	KF	Plastic pressure springs

Main Dimensions & Performance Data

F_w	8 mm	Under roller diameter
D	12 mm	Outside diameter
C	22 mm	Width, outer ring
C_r	3.650 N	Basic dynamic load rating, radial
C_{0r}	3.950 N	Basic static load rating, radial
r_{min}	0,3 mm	Minimum chamfer dimension
C_{ur}	560 N	Fatigue load limit, radial
n_{GA}	12.000 1/min	Limiting speed for rotating outer ring
n_{GW}	17.000 1/min	Limiting speed for rotating shaft
$\approx m$	6,22 g	Weight

Mounting dimensions

$M_{d per}$	3,15 Nm	Permissible torque
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Temperature range

T_{\min}	-10 °C	Operating temperature min.
T_{\max}	70 °C	Operating temperature max.

Characteristics

-  Radial load
-  Grease Lubrication
-  Not sealed
-  Small design envelope
-  One way clutch